

FIG. 1 (Prior Art)

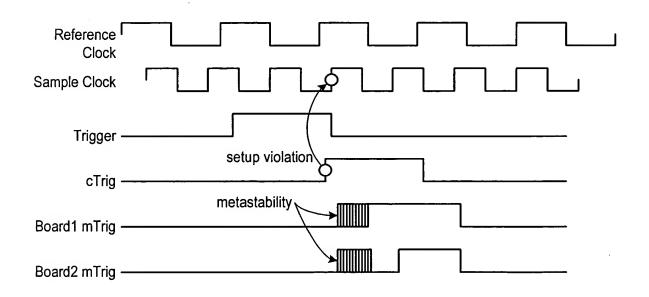


FIG. 2 (Prior Art)

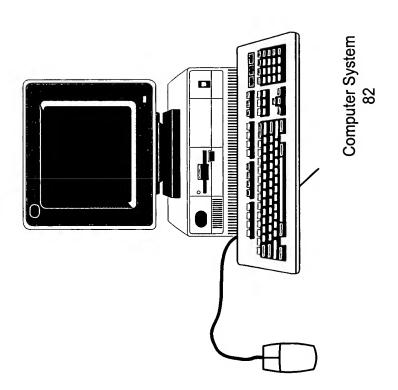
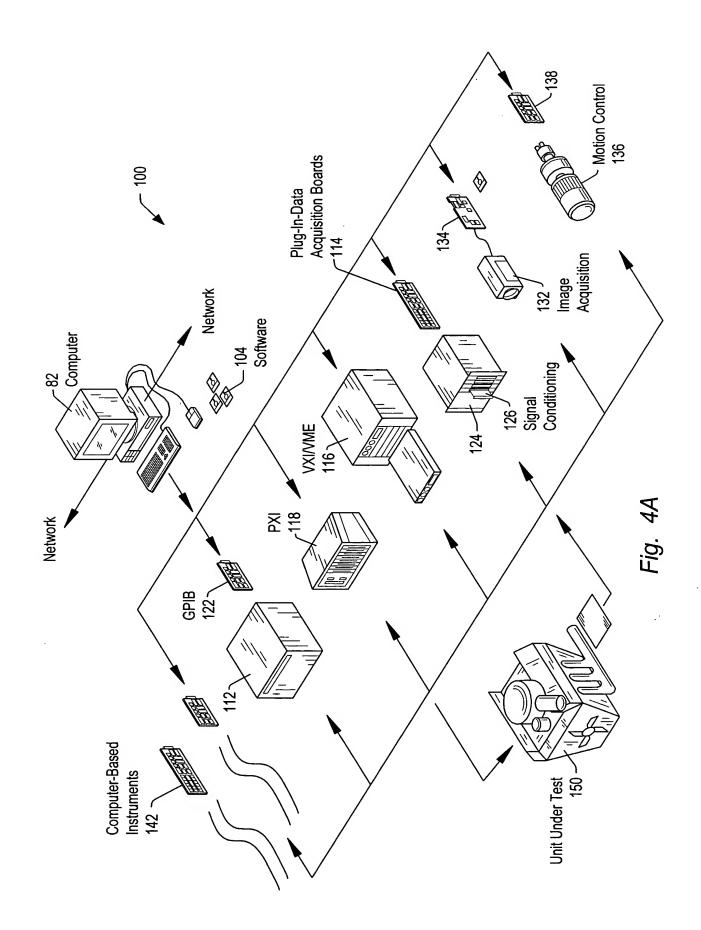
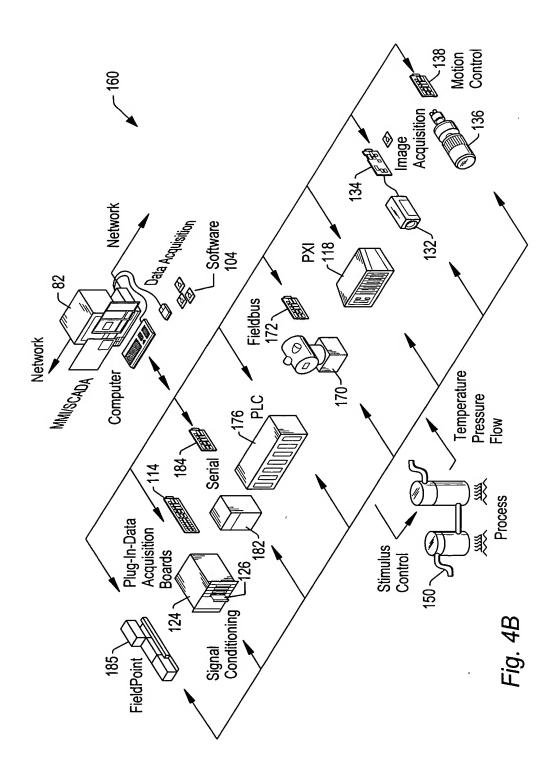
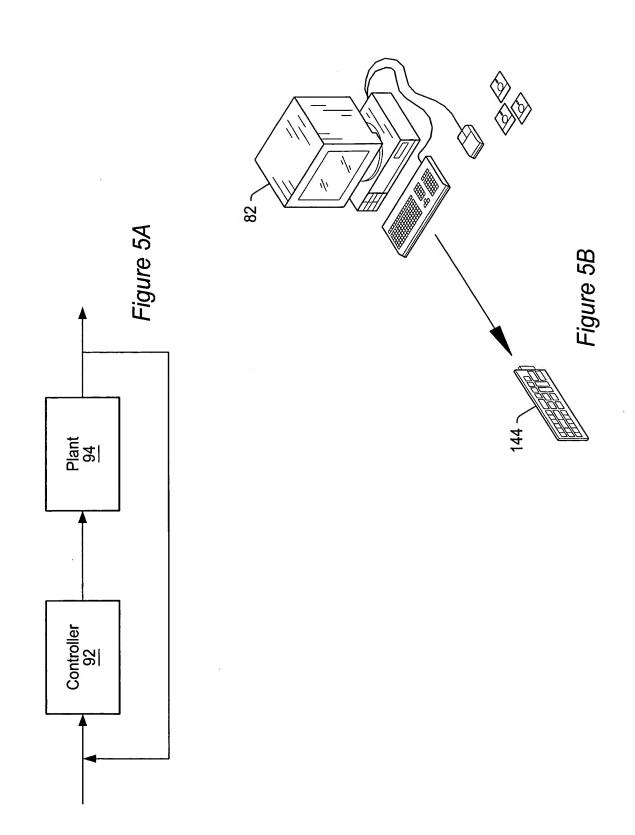
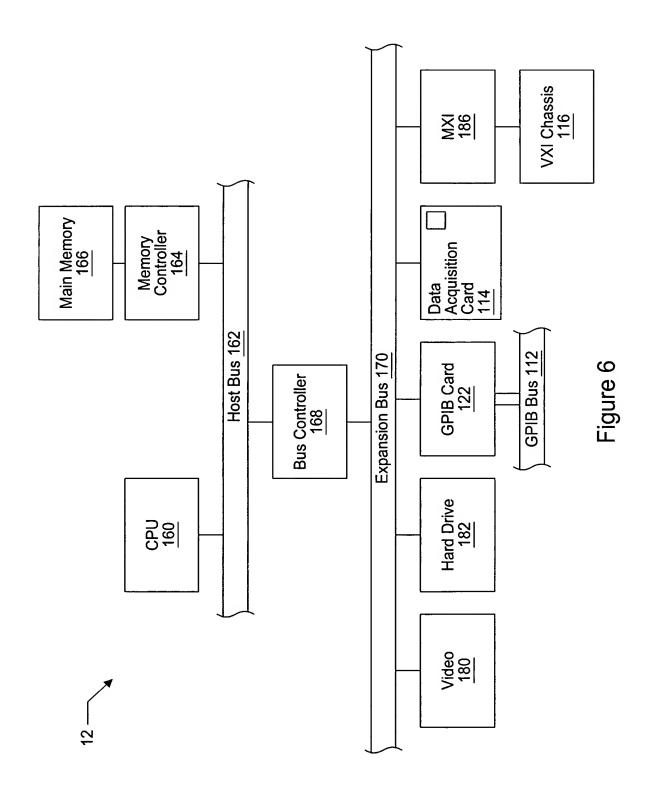


Figure 3A

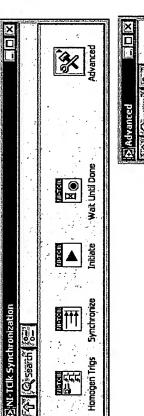








SPMP_CLK_DELAY	S	s	S	
LCTK_WIN_PERIOD			7	
TCLK_SYNC_PULSE_OUTPUT_TERM			7	1
TCLK_SYNC_PULSE_SRC			>	
REF TRIG IS FROM NON REF TRIG		t	+	
PAUSE TRIG MASTER SESSION		1	+	
SCRIPT_TRIG_MASTER_SESSION		t	4	
KEF TRIG ORIGINAL SESSION		t	4	
START TRIG MASTER SESSION		1	+	zed
GetExtendedErrorInfo	٨	٨	7	roni
GetErrorString	٨	7	7	yncl
WaitUntilDone	٨	٨	7	ses ing s
IsDone	٨	٨	~	Il cas
Initiate	٨	٨	7	in al iggel
Synchronize	٨	٨	>	onal to tr
ConfigureForHomogeneousTrigge	٨			opti
				elay is hat pe
Scenarios	Single Chassis, Homogeneous Iriggers	Single Chassis, Heterogeneous Triggers	Multiple Chassis	 v: all cases s: sample clock delay is optional in all cases t: use attributes that pertain to triggers being synchronized
	Synchronize TCLK_MIN_PERIOD TCLK_SYNC_PULSE_SRC TCLK_SYNC_PULSE_SRC REF_TRIG_IS_FROM_NON_REF_TRIG START_TRIG_MASTER_SESSION SCRIPT_TRIG_MASTER_SESSION SCRIPT_TRIG_	TCLK_SYNC_PULSE_OUTPUT_TERM ConfigureForHomogeneousTrigge LINITiate MaitUntilDone SCRIPT_TRIG_MASTER_SESSION START TRIG_MASTER_SESSION START TRIG_MASTER_SESSION START TRIG_MASTER_SESSION CetExtendedErrorInfo START TRIG_MASTER_SESSION A GetExtendedErrorInfo CetExtendedErrorInfo A GetExtendedErrorInfo CetExtendedErrorInfo A GetExtendedErrorInfo START TRIG_MASTER_SESSION START TRIG_MASTER_SESSION TCLK_SYNC_PULSE_SRC TCLK_SYNC_PULSE	TCLK_SYNC_PULSE_OUTPUT_TERM TCLK_SYNC_PULSE_OUTPUT_TERM TCLK_SYNC_PULSE_SRC TCLK_SYNC_PULSE_TCLK_TCLK_TCLK_TCLK_TCLK_TCLK_TCLK_TCLK	TCLK_MIN_PERIOD TCLK_SYNC_PULSE_OUTPUT_TERM TCLK_SYNC_PULSE_SRC TCLK_



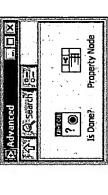


Figure 8

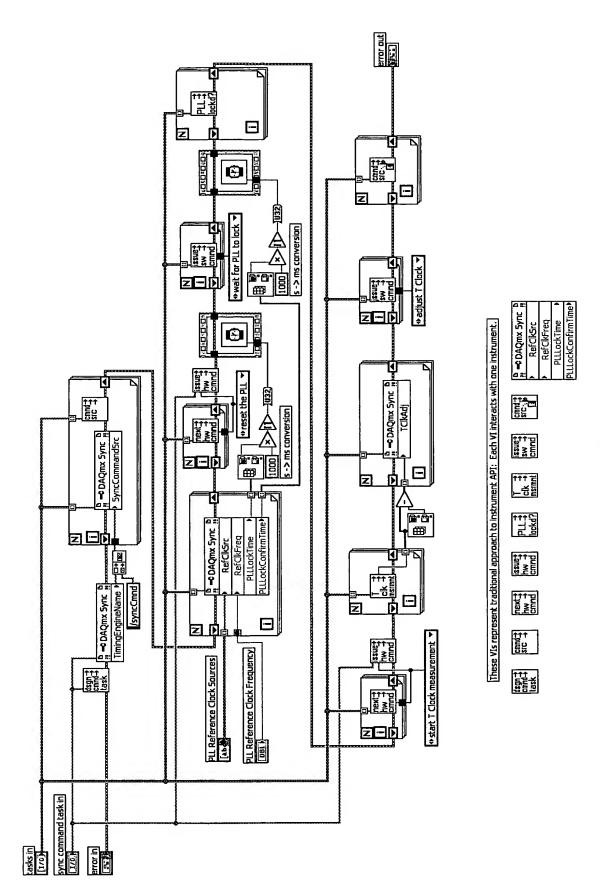
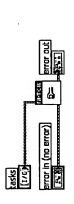


Figure 9A



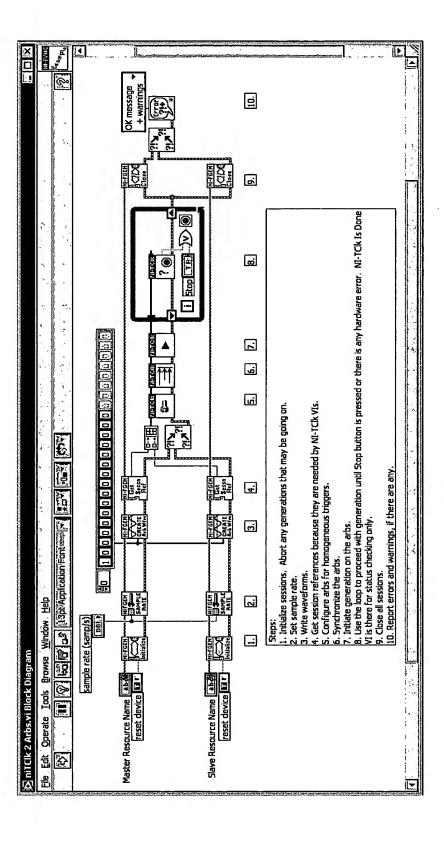


Figure 10

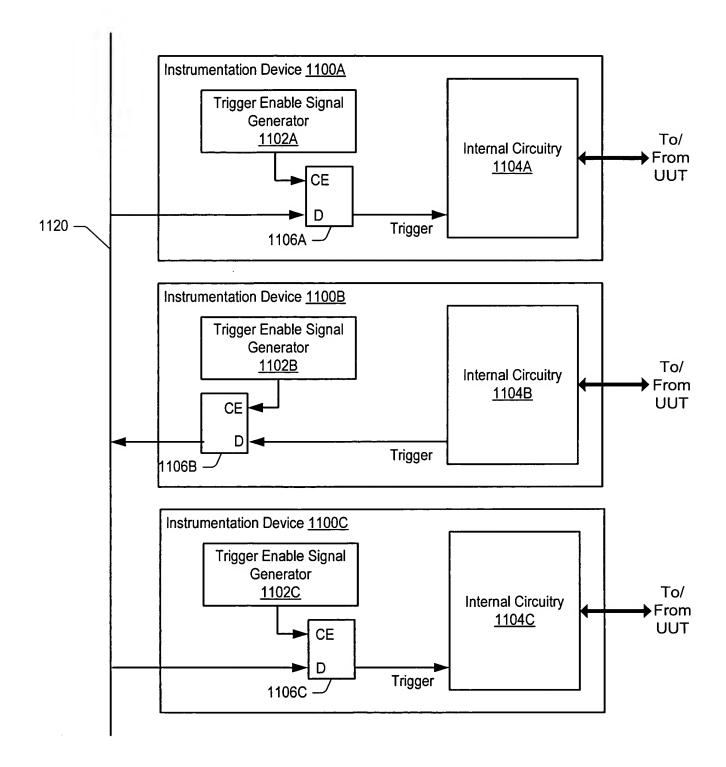
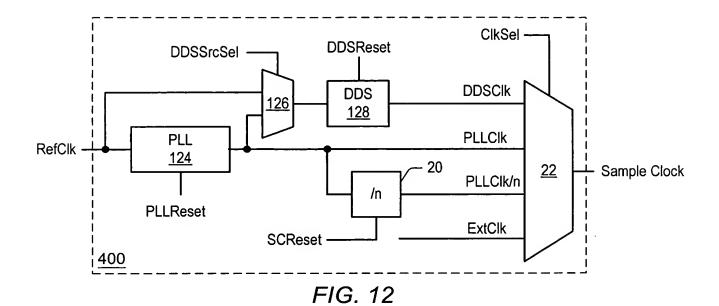


FIG. 11



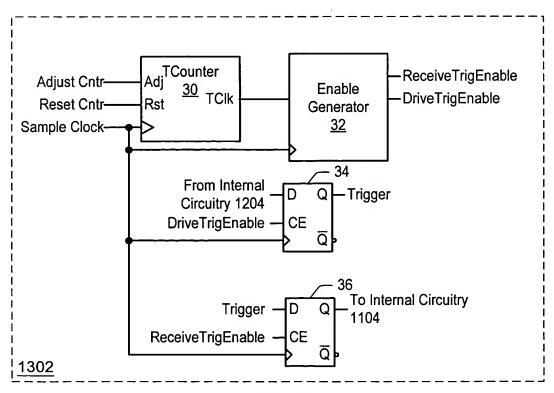


FIG. 13

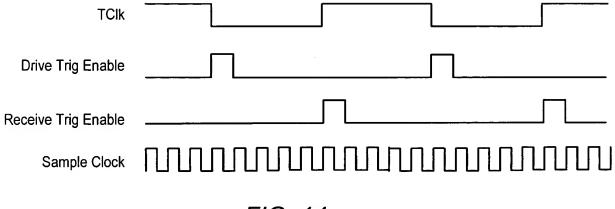


FIG. 14

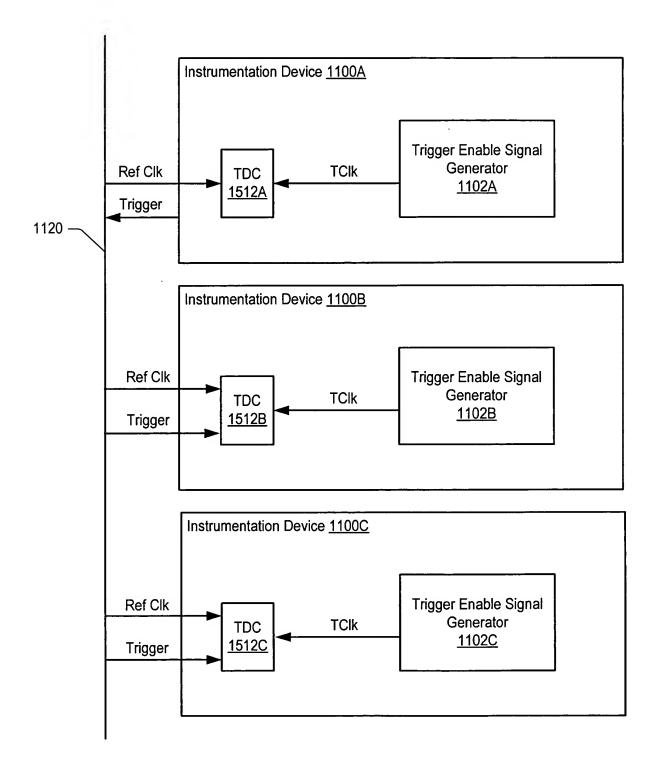


FIG. 15

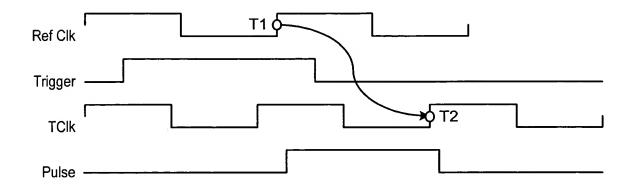


FIG. 16

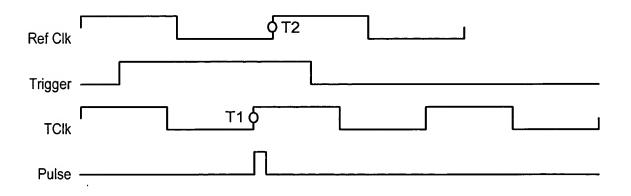


FIG. 16A

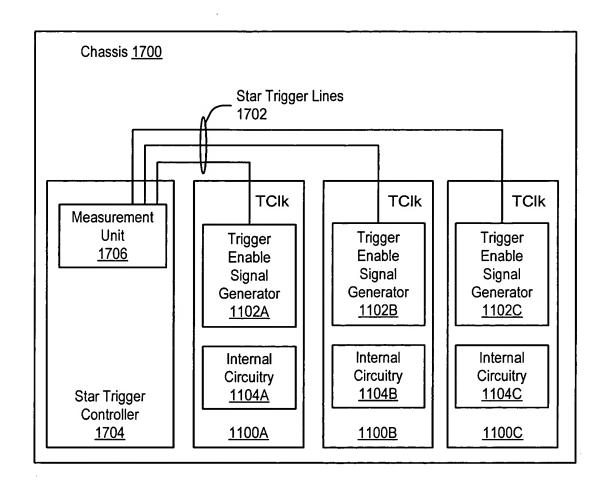


FIG. 17

